

In the Specification

Please amend the paragraph beginning at page 14, line 29 to read as follows.

FIGS. 7A-7I and FIGS. 8A-8I will be discussed in conjunction with one another to describe a simplified, exemplary fabrication sequence for producing an optical processor such as the example embodiment of the present invention described above. The fabrication sequence discussed corresponds to the alternative embodiment discussed with reference to FIG. 3, wherein actuation beam support posts 353 of upper mirror suspension structure 310 ~~350~~ are omitted by coupling actuation beam 352 to mirror beam 316 of the lower mirror suspension structure 315; accordingly, formation of support posts 353 is unnecessary. FIGS. 7A-7I provide cross-sectional views, corresponding to a view along line 4 – 4 of FIG. 2, of an example fabrication sequence for producing an embodiment of one example of an optical processor according to the present invention. FIGS. 8A-8I provide top views of an example fabrication sequence for producing an embodiment of one example of an optical processor according to the present invention. Some features illustrated in FIGS. 7A-7I and FIGS. 8A-8I are only visible through other features; such features are included for completeness, and will be indicated as visible through another feature. Reference will be made to features of optical processor 200 in FIG. 3 where helpful.

Please amend the paragraph beginning at page 21, line 29 to read as follows.

Telecommunications system 1000 processes light similarly to telecommunications system 900 in FIG. 9, by controlling the strength of the zeroth-order (i.e., specular reflection) diffracted channels A', B', and C' for each of channels A, B, C respectively, using optical processor 200; however, in optical processor 1000 channels A, B, and C are projected onto optical processor 200 normal to the top surface 1001 of optical processor 200 such that channels A', B', and C' are diffracted by optical processor 200 back through lens system 1050 to demultiplexer 922 and are recombined (i.e., multiplexed).

Serial No. 09/975,169

-3-

Art Unit: 2872

As one of ordinary skill in the art would understand, a circulator (not shown) may be included in the pathway of signal 920 and processed signal 901 ~~921~~.